

Patterson & Keough, P.A.
4800 IDS Center
80 South 8th Street
Minneapolis, Minnesota 55402-2100
Telephone: (612) 349-5740
Facsimile: (612) 349-9266

Attorney Docket No.: 1008.19US01

APPLICATION TRANSMITTAL

Box PATENT APPLICATION
Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Transmitted herewith for filing under 37 C.F.R. § 1.53(b) is the patent application of
INVENTOR(S): Martin Blumenfeld, Joseph J. Talghader, and Mark A. Sanders.

FOR: DIRECT MAPPING OF DNA CHIPS TO DETECTOR ARRAYS

Enclosed are:

- ☒ [X] Specification and Abstract - 34 pages.
- ☒ [X] Drawings - 9 sheets (Figs. 1-9).
- ☐ [] Declaration for United States Patent Application.
- ☐ [] Small Entity Statement(s).
- ☐ [] Information Disclosure Statement.
- ☐ [] Assignment papers.
- ☐ [] _____.

The filing fee has been calculated as shown below:

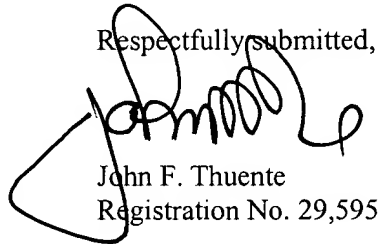
| | No. Filed | No. Extra | Small Entity Rate | OR | Large Entity Rate |
|--------------------------------------|-----------|--------------|----------------------|--------------|----------------------|
| Basic Fee | | | \$ 380 | OR | \$ 760 |
| Total Claims | 97 - 20 | = 77 | x 9 = \$693 | OR | x 18 |
| Independent Claims | 6 - 3 | = 3 | x 39 = \$117 | OR | x 78 |
| Presence of Multiple Dependent Claim | | | + 130 | OR | + 260 |
| | | TOTAL | \$1,190 | TOTAL | \$ |

*If the difference is less than zero, enter "0"

☐ [] This application claims the benefit of U.S. Provisional Application No. _____, filed
_____.

- [] A check in the amount of \$_____ to cover the filing fee and an Assignment recordation fee is attached. The Commissioner is hereby authorized to grant any extensions of time and to charge any fees under 37 C.F.R. §§ 1.16 and 1.17 that may be required during the entire pendency of this application to Deposit Account No. 16-0631.

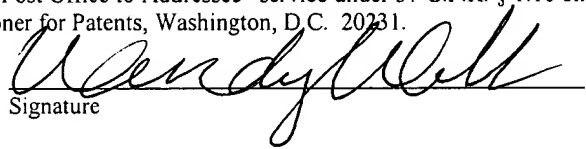
Respectfully submitted,


John F. Thunte
Registration No. 29,595

CERTIFICATE OF EXPRESS MAIL

"Express Mail" mailing label number EL302671951. Date of Deposit: November 4, 1999. I hereby certify that this paper is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 on the date indicated above and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20331.

Wendy Webb
Name of Person Making Deposit


Signature